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(71)Applicant : TOYOBO CO LTD

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(72)Inventor : KITAMURA KOTA
TAGUCHI HIROAKI
SAKAGUCHI YOSHIMITSU

(54) SOLID POLYMER ELECTROLYTIC FILM/ELECTRODE JOINT BODY FOR FUEL CELL, AND MANUFACTURING METHOD THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a solid polymer electrolytic film/electrode joint body of superior conductivity and heat resistance, minimized in the load to environments in disposal by reducing the fluorine content, and usable for a solid polymer fuel cell, and to provide a manufacturing method thereof. SOLUTION: In this solid polymer electrolytic film/electrode joint body, formed of a solid polymer electrolytic film and electrode catalyst layers bonded to both sides thereof, the solid polymer electrolytic film and/or the electrode contain an ionic group-containing polybenzoxazole or ionic group-containing polybenzothiazole.

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